



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In Re Application of:

**David N. Cox, et al.****Application No.: 10/699,467****Filing Date: October 31, 2003****For: TRANSFORMER PERFORMANCE PREDICTION****Confirmation No.:****Group Art Unit: Not Yet Assigned****Examiner: Not Yet Assigned**DATE OF DEPOSIT: *Feb. 26, 2004*

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

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REGISTRATION NO.: **48,666**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

## INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date

<b>Form PTO-1449 Modified</b>		Docket No. <b>ABDT-0583/B030070</b>	Application No. <b>10/699,467</b>
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U.S. Department of Commerce Patent and Trademark Office		Filing Date <b>October 31, 2003</b>	Group <b>Not Yet Assigned</b>

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	<b>47</b>	5,311,438	05/10/94	Sellers, et al.	364	468
	<b>48</b>	5,463,555	10/31/95	Ward, et al.	364	468
	<b>49</b>	5,835,764	11/10/98	Platt, et al.	395	671
	<b>50</b>	6,324,259 B1	02/05/02	Sandoual	705	7
	<b>51</b>	6,324,523 B1	11/27/01	Killeen, Jr. et al.	705	35
	<b>52</b>	6,477,521 B1	11/05/02	Kuomura, et al.	707	1
	<b>53</b>	2001/0042092 A1	11/15/01	Kudo, et al.	709	200
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	<b>57</b>	6,636,862 B2	10/21/03	Lundahal	707	101

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	<b>58</b>	EP 0 567 291 A2	10/27/93	EPO		
	<b>59</b>	EP 0 721 625 B1	04/24/02	EPO		
	<b>60</b>	WO 95/09387	04/06/95	PCT		
	<b>61</b>	WO 98/57285	12/17/98	PCT		
	<b>62</b>	WO 99/15979	04/01/99	PCT		
	<b>63</b>	WO 01/02928 A2	01/11/01	PCT		
	<b>64</b>	WO 01/50405 A1	07/12/01	PC		

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with  the first or  second After Final Submission, therefore:

Certification in Accordance with § 1.97(e) is attached; or

The fee of \$180.00 as set forth in § 1.17(p) is attached.

In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

Certification in Accordance with § 1.97(e) is attached;  
or

The fee of \$180.00 as set forth in § 1.17(p) is attached.

In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

EXCEPT THAT:

- In view of the voluminous nature of references **22, 40 and 41**, and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
- Copies of references **[list as appropriate]** listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No.

, filed

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: Feb. 26, 2004

  
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		Applicant <b>David N. Cox, et al.</b>	
		Filing Date <b>October 31, 2003</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>1</b>	Aldred, K., "Aerospace Manufacturer takes off with Paperless Manufacturing System", <i>IEEE Solutions</i> , <b>1998</b> , 55-57	
	<b>2</b>	Chase, N., "Paperless Manufacturing Pays Off", <i>Quality</i> , <b>November 1998</b> , 46-47	
	<b>3</b>	deSpautz, J., "Quantifying the Benefits of Automation", <i>ISA Transactions</i> , <b>1994</b> , 33, 107-112	
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	<b>7</b>	Gould, L., "Data Collection Leads to Paperless Manufacturing", <i>Managing Automation</i> , <b>May 1993</b> , 48-49	
	<b>8</b>	Jain, H.K. et al., "E-R Approach to Distributed Heterogeneous Database Systems for Integrated Manufacturing", <i>Information Resources Management Journal</i> , <b>1992</b> , 3(1), 21-29	
	<b>9</b>	Johanson, D.C. et al., "Application of a B&W Developed Computer Aided Pictorial Process Planning System to CQMS for Manufacturing Process", <i>Supercollider 4</i> , <b>1992</b> , 513-516	
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
*	<b>41</b>	David G.T. Denison, et al., <i>Bayesian Methods for Nonlinear Classification and Regression</i> , 2002, John Wiley & Sons, Inc.,	
	<b>42</b>	Cox, D., "Analyzing Transformer Test Data",	
	<b>43</b>	Geromel, L. H. et al., "The Application of Intelligent Systems in Power Transformer Design", <i>Proceedings of the 2002 IEEE Canadian Conference on Electrical &amp; Computer Engineering</i> , 2002, 285-290	
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<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

A copy of this reference will not be forwarded to the U.S. Patent and Trademark since it is believed to be too voluminous and easily obtainable by the Examiner

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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
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	<b>33</b>	Patkai, B., "A Cooperative Scheduling System for Paper Machinery Manufacturing", <i>IEEE</i> , <b>1998</b> , 2518-2521	
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	<b>35</b>	Roberts, P.D. et al., "A Coordination Strategy for Integrated Operations Management and Control, <i>Abstracts</i> , <b>091</b> , page 1071	
	<b>36</b>	Saad, A. et al., "Effectiveness of Dynamic Rescheduling in Agent-Based Flexible Manufacturing Systems", <i>SPIE</i> , Vol. 3203, 88-99	
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	<b>29</b>	Jean-Luc, G., "Automated Shop Floor Control System and Method of Operation Thereof", <i>Patents Alert</i> , <b>5530857</b> , page 87	
	<b>30</b>	Naylor, A.W., et al., "Design of Integrated Manufacturing System Control Software", <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1987</b> , SMC17-(6), 881-897	
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	<b>17</b>	Vasilash, G.S., "Meeting the Future Head-on (Machinery Manufacturing)", <i>Production</i> , <b>July 1993</b> , 50-55	
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